



110> Merck & Co., Inc.
Singh, Sheo Bux
Wang, Jun
Basilio, Angela
Genilloud, Olga
Tormo, Jose Ruben
Hernandez, Pilar

<120> Antibiotic Compound

<130> 21376YP

<140> US 10/560,665

<141> 2005-12-13

<150> 60/489,865

<151> 2003-07-23

<150> PCT/US04/23780

<151> 2004-07-20

<160> 2

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 1449

<212> DNA

<213> Streptomyces sp.

<400> 1

```

ccgtcaggac ggacgctggc ggcggtgctta acacatgcaa gttccaacga tgaacctcct 60
tcgggagggg aattagtggc gaacgggtga gtaacacgtg ggcaatctgc ccttcactct 120
gggacaagcc ctggaaacgg ggtctaatac cggatacgac caccgaccgc atggtcgtgg 180
tggtggaag ctccggcggt gaaggatgag cccgcggcct atcagcttgt tggtgggggtg 240
atggcctacc aaggcgacga cgggtagccg gcctgagagg gcgaccggcc aactggggac 300
tgagacacgg cccagactcc tacgggaggg agcagtgggg aatattgcac aatgggacga 360
agcctgatgc agcgacggcg cgtgagggat gacggccttc gggttgtaaa cctctttcag 420
caggggaagaa gcgagagtga cgggtacctg agaagaagcg cgggctaact acgtgccagc 480
agccgcggta atacgtaggg cgcaagcggt gtccggaatt attgggcgta aagagctcgt 540
aggcggtctg tcacgtcgga tgtgaaagcc cggggcttaa ccccggtct gcattcgata 600
cgggcaggct agagttcggt aggggagatc ggaattcctg gtgtagcggg gaaatgcgca 660
gatatcagga ggaacaccgg tggcgaaggg ggatctctgg gccgatactg acgctgagga 720
gcgaaagcgt ggggagcgaa caggattaga taccctggta gtccacgcgg taaacggttg 780
gaactaggtg tgggcgacat tccacgtcgt ccgtgccgca gctaacgcat taagttcccc 840
gcctggggag tacggccgca aggctaaaac tcaaaggaat tgacgggggc ccgcacaagc 900
agcggagcat gtggcttaat tcgacgcaac gcgaagaacc ttaccaaggg ttgacatata 960
ccggaacgt ctggagacag gcgccccctt gtggtcgggt tacaggtggg gcatggctgt 1020
cgtcagctcg tgctgtgaga tgttgggtta agtcccgcaa cgagcgcaac ccttgttctg 1080
tgttgccagc atgcccttcg ggggtgatggg gactcacagg agactgccgg ggtcaactcg 1140
gaggaaggtg gggacgacgt caagtcatac tgccccttat gtcttgggct gcacacgtgc 1200
tacaatggcc ggtacaatga gctgcgatac cgcgaggtgg agcgaatctc aaaaagccgg 1260
tctcagttcg gattgggggtc tgcaactcga cccatgaag tcggagttgc tagtaatcgc 1320

```

```

agatcagcat tgctgcggtg aatacgttcc cgggccttgt acacaccgcc cgtcacgtca 1380
cgaaagtcgg taacacccga agccggtggc cacaacgcc tctgtgcgag gcaatctgtc 1440
cgaaggtcg                                     1449

```

<210> 2

<211> 1496

<212> DNA

<213> Streptomyces sp.

<400> 2

```

tcctggctca ggacgaacgc tggcggcgtg cttaaacaca tgcaagtcca acgatgaacc 60
tccttcggga ggggattact ggcgaaacggg tgagtaacac gtgggcaatc tgcccttcac 120
tctgggacaa gccctggaaa cggggtctaa taccggatac gacacacgac cgcattggtct 180
gtgtgtggaa agctccggcg gtgaaggatg agcccgcggc ctatcagctt gttggtgggg 240
tgatggccta ccaaggcgac gacgggtagc cggcctgaga gggcgaccgg ccacactggg 300
actgagacac ggcccagact cctacgggag gcagcagtgg ggaatattgc acaatgggcg 360
aaagcctgat gcagcgacgc cgcgtgaggg atgacggcct tcgggttgta aacctctttc 420
agcaggggaag aagcgagagt gacggtacct gcagaagaag cgcgggctaa ctacgtgcca 480
gcagccgagg taaataacgt agggcgcaag cgttgtccgg aattattggg cgtaaagagc 540
tcgtaggcgg cttgtcacgt cggatgtgaa agcccggggc ttaaccccgg gtctgcattc 600
gatacgggca ggctagagtt cggtagggga gatcggatt cctggtgtag cggtgaaatg 660
cgcagatata aggaggaaca ccggtggcga aggcggatct ctgggcccga actgacgctg 720
aggagcgaag gcgtggggag cgaacaggat tagataccct ggtagtccac gccgtaaacg 780
ttgggaacta ggtgtggggc acattccacg tcgtccgtgc cgcagctaac gcattaagtt 840
ccccgcctgg ggagtacggc cgcaaggcta aaactcaaag gaattgacgg gggcccgcac 900
aagcagcgga gcatgtggct taattcgacg caacgcgaag aaccttacca aggcttgaca 960
tacaccggaa acgtctggag acaggcgccc ccttgtggtc ggtgtacagg tgggtgcatg 1020
ctgtctcag ctctgtctgt gagatgttgg gttaagtccc gcaacgagcg caacccttgt 1080
tctgtgttgc cagcatgccc ttcgggggtg tggggactca caggagactg ccggggtcaa 1140
ctcggaggaa ggtggggacg acgtcaagtc atcatgcccc ttatgtcttg ggctgcacac 1200
gtgctacaat ggccggtaca atgagctgag ataccgcgag gtggagcgaa tctcaaaaag 1260
ccggtctcag ttcggtattg ggtctgcaac tcgaccccat gaagtcggag ttgctagtaa 1320
tcgcagatca gcattgctgc ggtgaatacg ttcccggggc ttgtacacac cgcccgtcac 1380
gtcacgaaag tcggtaacac ccgaagccgg tggcccaacc ccttgtggga ggggaatcgtc 1440
gaaggtggga ctggcgattg ggacgaagtc gtaacaaggt agccgtaccg gaaggt 1496

```